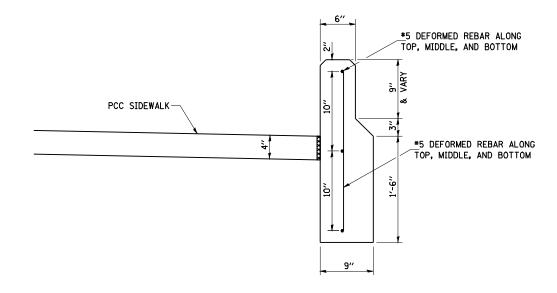


QUANTITIES FOR CONCRETE PIPES							
INSIDE DIAMETER	ESTIMATED						
OF PIPE	CLASS SI CONCRETE						
	REQUIRED						
	20" WIDTH						
INCH	CU. YD.						
4"	0. 14						
6"	0.16						
8"	0.19						
10"	0. 22						
12"	0. 25						
15"	0. 30						
18"	0. 35						
24"	0. 45						
30"	0.57						
36"	0.69						
42"	0. 83						
48"	0.97						
54"	1. 12						
60"	1. 28						

GENERAL NOTES

- 1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
- 3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT.
- 4. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.



CONCRETE RETAINING WALL SECTION

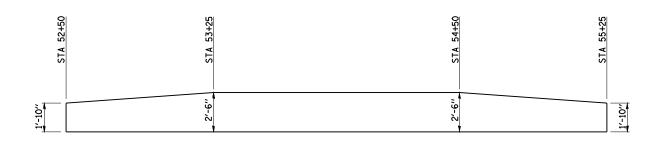
LT STA 52+50 TO LT STA 55+25

CONCRETE STRUCTURES = 15.9 CU YD REINFORCEMENT BARS = 790 LBS

CONTRACTION JOINTS SHALL BE PLACED AT NOT LESS THAN 20 FOOT INTERVALS ALONG THE WALL LENGTH. LONGITUDINAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH THE CONTRACTION JOINTS. JOINTS WHETHER PREFORMED OR SAWCUT SHALL BE NOT LESS THAN 2" DEEP AND BE PLACED FROM TOP TO BOTTOM. THE WALL SHALL BE FINISHED IN ACCORDANCE WITH ART. 503.15

HORIZONTAL REINFORCEMENT BARS SHALL BE LAPPED 2'-2"

SCALE:



RETAINING WALL ELEVATION



JOB = 2200.4	DESIGNED	-	NAK	REVISED	
FILE NAME = D672B99-sht-details4.dgn	DRAWN	-	AJH	REVISED	
PLOT SCALE = 12,1921 ' / IN.	CHECKED	-	NAK	REVISED	
PLOT DATE = Oct-29-2009 11:54:38AM	DATE	-	8/13/2009	REVISED	

STATI	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

			F.A.S. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.					
CONCRETE COLLAR & RETAINING WALL DETAILS				662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	152				
	,									CONTRACT	NO. 72	2B99
	CHEET	NO	OF	CHEETC	CTA	TO CT	A			-		